

Amendments To the Claims:

Please amend the claims as shown. Applicants reserve the right to pursue any canceled claims at a later date.

1.-18. (canceled)

19. (currently amended) A system for updating a set of multiple items of information displayable on a client display in order to monitor and control a manufacturing production process, the system comprising:

a server connected to receive the multiple items of information from a programmable controller or from a diagnostic device in a manufacturing plant and configured to provide for providing the items of information to the client for viewing all of the set of multiple items at one time on the client display;

first mechanisms for defining an information unit for each of the multiple items in the set, assigning to each unit an identifier, managing the identifiers to identify the information units and assigning an update stamp to each identifier;

at least one information unit for displaying the items of information on the client;

a data transmission device for receiving new items of information or transmitting the new items of information on the server and/or for transmitting items of information between the server and the client to provide updated information units on the client display;

first mechanisms for the management of identifiers used to identify the information units and for assigning an update stamp to each identifier;

second mechanisms for assigning newly-received the new items of information, each corresponding to an updated item, to the identifiers and for each new item also assigning a new update stamp indicating that the new item is a more current information unit than an information unit previously assigned to the same identifier; and

third mechanisms for sending an updated information unit to the client to replace an information unit having the same identifier and already used in the display based on whether a new update stamp has been assigned, comparing the update stamp, assigned to the information unit concerned, with the current update stamp.

20. (currently amended) The system in accordance with Claim 19, wherein one of the information units in the display is updated based on whether a new update stamp has been assigned to it and wherein one of the information units in the display is not updated in the absence of a new update stamp having been assigned to it. provision is made for the updating of the items of information displayed in an information unit when the update stamps differ.

21. (canceled)

22. (canceled)

23. (previously presented) The system in accordance with Claim 19, wherein the server is adapted for providing items of information received from programmable controllers or systems, and/or diagnostic devices or systems.

24. (previously presented) The system in accordance with Claim 19, wherein the server is a Web server.

25. (previously presented) The system in accordance with Claim 19, wherein the first mechanisms and/or the second mechanisms and/or the third mechanisms are provided for the purpose of installation on the server.

26. (previously presented) The system in accordance with Claim 19, wherein the identifiers are Uniform Resource Identifiers as used in the Web environment.

27. (previously presented) The system in accordance with Claim 19, wherein the device for the transmission of data takes the form of an Intranet and/or the Internet.

28. (currently amended) A method for displaying and updating multiple items of information relating to control of a manufacturing production process in an industrial plant system for displayed on at least one client, the method comprising:

providing the items of information from a programmable controller or diagnostic device in the plant to on make data relevant to control of the manufacturing production process available on a server;

displaying the multiple items of information together in a screen view on a client display wherein the individual items of information are separately identifiable and provided in the form of at least one information units such that information units corresponding to different items of information are separately assigned time stamps and are separately updatable;

providing identifiers to identify individual ones of the information units;

transmitting multiple new items of information from the programmable controller or diagnostic device in the plant, each new item corresponding to an update to an information unit previously assigned a time stamp, on-to the server and/or transmitting items of information between the server and/or to the at least one client by a data transmission device;
managing identifiers used to identify information units by a first mechanism;
assigning an update stamp to each identifier by the first mechanism;

assigning each of the new newly received items of information to one of the identifiers and assigning to each said new item a updated time stamp which indicates that said new item is an update relative to a previously received and displayed item of information assigned to the same identifier by a second mechanism; and

updating the update stamp by the second mechanism; and

determining by comparing values of an updated stamp with a previously assigned time stamp whether any of the items of information has been modified relative to a previously received item, the update stamp, assigned to a respective information unit, with a current update stamp by a third mechanism.

29. (currently amended) The method in accordance with Claim 28, wherein different ones of the items of information displayed according to in one of the information units are each updated when a comparison indicates that an updated time stamp has been assigned to an associated identifier, the update stamps differ.

30. (canceled)

31. (previously presented) The method in accordance with Claim 28, wherein a device for operating and monitoring the production process is used as the client.

32. (canceled)

33. (previously presented) The method in accordance with Claim 28, wherein a Web server is used as the server.

34. (currently amended) The method in accordance with Claim 28, wherein the step of determining by comparing values of an updated stamp with a previously assigned time stamp is performed first mechanism and/or the second mechanism and/or the third mechanism are installed on the server.

35. (currently amended) The method in accordance with Claim 28, wherein the identifiers used are special Uniform Resource Identifiers as used in an Internet or Intranet environment.

36. (previously presented) The method in accordance with Claim 28, wherein the device for the transmission of data is an Intranet and/or the Internet.